Abstract

The invention relates to the commutation of
electromechanical, commutatorless actuators, more
5 particularly of permanent magnet motors and reluctance
motors, having a rotor and a stator including at least one
stator winding (W1, W2) that is/are operated with a constant
current (I_{PWM}). The method for determining the moment of
commutation used herein comprises the following steps: A
10 reference constant current is applied to at least one of the
windings (W1, W2) and a stationary state is awaited. Then, a
value that represents the voltage applied to the winding of
the actuator in the stationary state is determined as the
reference commutation value for the commutation voltage.
15 While the motor is running, the commutation (if the motor is
being operated with the reference current) is performed as
soon as the reference value appears or a specified time
later.

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